

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

LISTING No. 3242-1591:223 Page 1 of 1

CATEGORY: Duct Smoke Detector, Photoelectric

LISTEE: Edwards Systems Technology, 6411 Parkland Drive, Sarasota, FL 34243
Contact: Leon Newsome (941) 739-4276 FAX (941) 739-4334

DESIGN: Models ESD-SJ, ESD-ST, TSD-SJ, TSD-ST, TSD-SJG, TSD-SJCO2 and TSD-STCO2 photoelectric type sensor, duct smoke detectors. The duct detector sensor consists of a thermoplastic enclosure, recognized component printed wiring board, a listed duct detector subassembly, and an inlet coupling tube and an exhaust tube along with gaskets. Refer to listee's data sheet for additional detailed product description and operational considerations.

INSTALLATION: In accordance with listee's printed installation instructions and applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, Telaire name, model number, electrical rating, and UL label.

APPROVAL: Listed as photoelectric type, duct smoke detectors for use with separately listed compatible fire alarm control units in conjunction with Models ESD-CJ, -CT or TSD-CJ, -CT series (CSFM Listing No. 3240-1591:225) duct smoke detector controller. Suitable for use in ducts where air velocity is between 100 and 4000 ft/min. Refer to listee's Installation Instruction Manual for details.

NOTE: CO2 sensing features were not examined.

06-30-2004



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 30, 2004**

*Listing Expires **June 30, 2005***

Authorized By: **DIANE K. AREND, Senior Deputy
Program Manager**